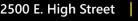
Traffic Planning and Design, Inc.



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Pottstown, PA

19464

610.326.3100

TPD@TrafficPD.com



November 27, 2013

Mr. Francis J. Hanney Traffic Services Manager PennDOT District 6-0 7000 Geerdes Boulevard King of Prussia, PA 19406

RE: **Transportation Impact Study Response**

> The Provence Casino Development Philadelphia, PA TPD# TOIN.A.00008

Dear Mr. Hanney:

On behalf of The Provence Casino Development, Traffic Planning and Design, Inc. (TPD) has prepared the following responses to the Orth-Rodgers & Associates, Inc. (ORA) review letter (attached). Please note the comments and responses attached.

TPD believes the attached responses, along with the revised traffic study prepared by TPD and submitted under separate cover adequately address the ORA letter dated 10/21/13.

Respectfully submitted,



Frank Montgomery, P.E., PTOE

Project Manager

Attachments: 4/5/13 ORA Letter

Tina Roberts cc:

TPD File



Name of Project: Provence Casino Submission: Traffic Impact Study Pennsylvania Department of Transportation Engineering District 6-0 7000 Geerdes Boulevard King of Prussia, PA 19406-1525 Phone: 610-205-6661

| REVIEWER INFORMATION | COMMENTS | DESIGNER RESPONSE | RESOLUTION | TPD RESPONSE |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Orth-Rodgers & Assoc. for | | | | |
| Engineering District 6-0 | | | | Responses associated with updated TIS in November 2013 |
| DATE: August 1, 2013 | | | | |
| Is a resubmission required?: YES | | | | |
| 1. General | A transportation Impact Study (TIS), prepared in accordance | | | |
| | with Strike-of-letter 470-09-04 (Policies and Procedures for | | | |
| | Transportation Impact Studies) must be submitted by the Applicant. The information submitted by the Applicant does | | | |
| | not fully comply with PennDOT's TIS guidelines. A compliant | | | |
| | TIS report will require vehicular/pedestrian counts at | | | |
| | potentially impacted locations, additional trip | | | |
| | generation/distribution methodology, existing/future capacity | | | |
| | analysis and recommendations and conclusions. Below are | | | |
| | components related to a TIS report (not limited to) that | | | |
| | should be included when applicable | | | |
| | | | | |
| | | | | |
| | | The revised transportation impact study (TIS) has been signed and | Resolved | |
| | | sealed by a professional engineer registered in Pennsylvania. | | |
| | Pennsylvania b) Include an executive summary | An executive summary is included in the revised TIS. | An executive summary was included. However, it should provide impacts of | The Executive Summary has been updated accordingly. |
| | b) include all executive summary | All executive summary is included in the revised 113. | the proposed development, proposed methods of mitigation, design waivers | The executive Summary has been updated accordingly. |
| | | | requested, and financial responsibilities as per the Policies and Procedures for | |
| | | | Transportation Impact Studies. | |
| | | | | |
| | All proposed driveways should be evaluated | TPD has provided a statement regarding the available sight distance at | Access point capacity has been addressed. There is statement stating that the | In the revised TIS, TPD utilized SYNCRHO 95th percentile methodology for |
| | for capacity, sight distance and queuing | the proposed driveways for the Provence development access | site access points will be designed to achieve minimum safe stopping sight | queuing and has included storage lengths in the tables. Additionally, TPD |
| | | driveways. Additionally, TPD has determined all driveways will operate | distance. There should be calculations within the report stating what these minimum distances are and what the available sight distance will be if the | will include a discussion that the Applicant must provide the minimum |
| | | at LOS D or better, all are unsignalized access points along one-way | casino is built. The queue summary in the Appendices does not state what | safe stopping sight distance requirements for 25 mph for all site access |
| | | streets, and that exiting queues will be managed on site. | methodology was used to determine queues or the available storage lengths | points when conducting final design for each access point. |
| | | | for each movement. | |
| | d) Include detailed traffic circulation within the | A detailed traffic circulation description is included in the revised TIS. | Resolved | |
| | proposed site | | | |
| | e) Provide a traffic signal warrant analysis for any | A traffic signal warrant analysis is included for the Callowhill Street/16th Street | Resolved | |
| | proposed traffic signal locations | intersection is included in the revised TIS. | | |
| | f) Provide crash data/history for critical | A crash data summary is included in the revised TIS and the records are included | | In the revised TIS, TPD has recommended capacity, operational, and |
| | intersections/roadway network. A Summary of | under separate cover. | Street had 8 reportable crashes in 2010. Are there any corrective safety measures that can be included with this project to enhance the safety of this | pedestrian facility improvements at the intersection of Callowhill Street |
| | the crash analysis can be included in the report, | | intersection. Crash analysis should also be conducted at the intersections of | and North Broad Street intersection. TPD included crash analysis data for |
| | however, actual crash records should be included | | Broad Street and both directions of Vine Street (local). Significant development | the intersection of Broad Street and Vine Street (local). TPD has also |
| | within the appendix with a confidentiality statement on the cover. It is recommended to | | traffic is routed through these intersections. | identified improvements at this intersection to include relocating NJ TRANSIT and SEPTA bus stops on northbound Broad Street and striping |
| | separate the crash record appendix from the main | | | the northbound approach to include a right turn lane to help with |
| | TIS report. | | | operations and capacity at the intersection. |
| | | | | |
| | | Traffic Signal Permit plans received by TPD are included in the revised TIS. | Resolved | |
| | included in the traffic impact study | | | |
| | | Aerial photographs of the study area intersections are included in the revised | Resolved | |
| | of the study intersections are preferred i) The trips generated from other proposed | The revised TIS includes traffic from three nearby developments. | Resolved | |
| | developments that may impact the project site | The resided his mediates traine from times hearby developments. | | |
| | study area must also be included in the projected | | | |
| | trip analysis | | | |
| | | A pedestrian distribution figure is included in the revised TIS. | Resolved | |
| | and provide an access evaluation | | | |



Name of Project: Provence Casino Submission: Traffic Impact Study Pennsylvania Department of Transportation Engineering District 6-0 7000 Geerdes Boulevard

King of Prussia, PA 19406-1525 Phone: 610-205-6661

| REVIEWER INFORMATION | COMMENTS | DESIGNER RESPONSE | RESOLUTION | TPD RESPONSE |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| | | TPD has included observed and future pedestrian volumes on our schematic | Resolved | |
| | | figures contained in the report. Additionally, TPD has included a section that | | |
| | рринини реграмма, на такон на тако | discusses where pedestrian access points are located and the future pedestrian | | |
| | pedestrians are present. The determination if | circulation on site. | | |
| | pedestrians are present must be based on | | | |
| | pedestrian counts, a visual inspection of the site to determine if clearly defined walking paths are | | | |
| | provided. The results of this analysis must be | | | |
| | utilized to determine if and where pedestrian | | | |
| | facilities must be provided | | | |
| | Provide pedestrian capacity analysis following | TPD has included the existing and future pedestrian volumes in our capacity | Resolved | |
| | are found to be impacted by the increase of | analysis calculations and has also identified pedestrian improvements associated with the proposed development. | | |
| | pedestrian traffic generated by the casino. Include | associated with the proposed development. | | |
| | mitigation improvements for those areas with high | | | |
| | nedestrian traffic. | | | |
| | m) Opening year analysis must be performed for | Opening year analysis would represent an interim analysis after completion and | Resolved | |
| | | occupancy of a phased development. It is our understanding the Provence is | | |
| | performed for the nonzon year, net 5 years | planned to be constructed in one single phase. For this reason, and also, since the recommended traffic growth within the City is 0.0%, no opening year | | |
| | | analysis was completed, since it would garner the same results as the design | | |
| | | year evaluation. | | |
| | must be modified to reflect the opening year and | | | |
| | horizon year analysis for the development | | | |
| | , | Queue analyses for the study area are included in the revised TIS. | The queue analysis does not state what methodology was utilized. Calculate | TPD has revised the queue summary in the revised TIS to include storage |
| | and for unsignalized left-turning lanes must be | | storage using the method in Pub 46, Chapter 11.16 and also using the 95th percentile queue from an accepted traffic engineering software package. | lengths and identified that the SYNCHRO 95th percentile methodology |
| | completed and stated in the report. | | Available storage lengths should also be provided in the report. | was utilized per direction in Pub 46. Storage length for the proposed turn |
| | | | Available storage lengths should also be provided in the report. | lane on Broad Street was calculated using Pub 46 methodology. |
| | | | | However, given the contraints, the length was recommended based on the 95th percentile queue. |
| | | | | the 35th percentile queue. |
| | | | | |
| | | | | |
| | ., , | An auxiliary turn lane analysis is included in the revised TIS. | Resolved | |
| | with Strike-off-letter 470-08-07, must be included | | | |
| | for the proposed conditions. p) Include gravity model (a graphic is preferred) | A gravity model for the vehicular traffic based on daily traffic volumes is | Resolved | |
| | | contained in the revised TIS. Also, a gravity model for pedestrians based on | Resolved | |
| | | population data is included in the revised TIS. | | |
| | | | | |
| | ., | Actual data at each study area intersection was utilized for analysis purposes, aside from the saturation flow rate, for which the default value was utilized as | Resolved | |
| | | directed in Comment 7 under Traffic Impact Study. | | |
| | data is collected, actual values should be used | ,· | | |
| | | A Level of Service matrix is included in the revised TIS. | The site access points were not included in the LOS summaries. | TPD has included the site access points in a separate LOS summary in the |
| | be provided. Including numerical delay value | | | revised TIS. |
| | , | An analysis of the site access configurations indicates that the site accesses will | The site access points were not included in the LOS summaries. | TPD has included the site access points in a separate LOS summary in the |
| | | function at LOS D or better. The analysis is included in the revise TIS. | | revised TIS. |
| | measures or restricted movements from deficient | | | |
| | operations locations may be required to meet guidelines. | | | |
| | | All HCS and Synchro worksheets are included in the revised TIS. | The printouts included in the Appendix should provide input data such as Sat. | TPD has included the additional worksheets requested in the revised TIS. |
| | and electronic files must be included for review | | Flow, Lane Width, Grade, PHF, T%, turn lane lengths, etc. | |
| | | | | |
| | | All calculations and methodology are described and noted in the revised TIS. | Resolved | |
| | included in the report to justify the analysis and | | | |
| | results. v) The report should include conclusions and | The revised TIS includes conclusions and recommendations. | Resolved. However, the recommendations may need updated due to existing | TPD has updated the recommendations in the revised TIS per |
| | recommendations. Please note that the | The resided his medales conclusions and recommendations. | comments. | adjustments to the TIS. |
| | Developer/Applicant is responsible for mitigating | | | |
| | all impact resulting from the proposed | | | |
| | development, unless there is another project | | | |
| | under construction that will provide mitigation | | | |



Pennsylvania Department of Transportation Engineering District 6-0 7000 Geerdes Boulevard King of Prussia, PA 19406-1525

Phone: 610-205-6661

Name of Project: Provence Casino Submission: Traffic Impact Study

| REVIEWER INFORMATION | COMMENTS | DESIGNER RESPONSE | RESOLUTION | TPD RESPONSE |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------|
| REVIEWER IN ORMATION | w) If the recommendations include the | TPD has included an analysis of the amount of parking proposed to be removed | Resolved | II D NESI GNSE |
| | elimination of existing on-street metered parking | as part of this development. It is TPD's understanding that a fiscal analysis of | | |
| | spaces, a revenue loss evaluation should also be | revenue loss will be performed as part of this application by a financial | | |
| | provided | consultant. | | |
| | x) Include taxi and bus operation/circulation | TPD has included a section that discusses taxi and bus operations for the | Resolved | |
| | to/from the site. | proposed site. | | |
| Trip Gen/Dist. | Trip rate (trip per gaming positions) should be based on the | Trip generation counts were conducted at three (3) local urban casinos, | Resolved | |
| | average of no less than three existing casinos of comparable | including SugarHouse Casino, Sands Bethlehem, and Harrah's Philadelphia. | | |
| | design and location. The three casinos listed below are valid | Specifics regarding the Trip Generation methodology are included in Appendix D | | |
| | examples of existing casinos location in metropolitan areas. If | of the revised TIS. | | |
| | trip rates are based on a different methodology please | | | |
| | provide justification. a) Sugarhouse Casino (Philadelphia, | | | |
| | PA), b) Casino St. Charles (St. Louis, MO), c) Hollywood | | | |
| | Casino (Columbus, OH) | | | |
| Phila. Gaming Ad. | The "Executive Summary of the Interim Report of Findings" | The "Executive Summary of the Interim Report of Findings" by the Philadelphia | Resolved | |
| 5. Fillia. Gallling Au. | by the Philadelphia Gaming Advisory Task Force documents | Gaming Advisory Task Force was utilized in developing the trip generation for | nestived | |
| | should be utilized as a guide to develop trip methodologies. | the proposed Provence. Specifics regarding the Trip Generation methodology | | |
| | Data is provided for casino visitation patterns by time of day | are included in Appendix D of the revised TIS. | | |
| | (page 15, table 3) and mode of arrival splits (page 16, graph | | | |
| | All analysis, calculations and back up data must be | | | |
| | included in the report. | | | |
| | included in the report. | | | |
| 4. Time of day requirement | The Philadelphia Gaming Task Force document states that a | The revised TIS includes data at all study area intersections for the time periods | Resolved | |
| | casino's Friday visitation peak time is different from the | noted above. | | |
| | Friday rush hour time (commuter peak). The TIS reports | | | |
| | should analysis both critical weekday and weekend peak time | | | |
| | periods. Therefore, the following should be analyzed: a) | | | |
| | Friday evening commuter peak hours (between 4-6PM), b) | | | |
| | Friday Casino peak hour (between 7-10PM), c) Saturday | | | |
| Traffic Impact Study 1. | casino neak hour | The strong data and the second | Resolved | |
| Traffic Impact Study 1. | | The six additional intersections listed above have been included in the revised TIS. | Resolved | |
| | completed traffic impact study, the intersections that the | 113. | | |
| | applicant should also include in the study due to their proximity to the site and potential impacts are: a) Franklin | | | |
| | Town Blvd and Vine Street, b) 17th Street and Vine Street, c) | | | |
| | 17th Street and Spring Garden Street, d) 16th Street and Vine | | | |
| | Street, e) 13th Street and Vine Street, and f)13th Street and | | | |
| | Callowhill Street. | | | |
| | Callowilli Street. | | | |
| 2 | Evaluate and comment on the concept of connecting the I- | TPD has included an evaluation of this alternative in the revised TIS. | Resolved | |
| | 676 Off Ramp, located just south of the Applicant's site, to | | | |
| | Callowhill Street. | | | |
| 3 | Evaluate and comment on the feasibility of connecting the I- | TPD has included an evaluation of this alternative in the revised TIS. | Resolved | |
| | 676 On/Off Ramps to Callowhill. | | | |
| 4 | Identify the removal of any public parking spaces and loading | | Resolved. | |
| | zones. If applicable provide the net revenue loss due to the | as part of this development. It is TPD's understanding that a fiscal analysis of revenue loss will be performed as part of this application by a financial | | |
| | reduction of existing metered parking spaces. | consultant. | | |
| 5 | Provide an updated internal circulation diagram for the site. | TPD has provided a section on the site access and circulation in addition to | Resolved | |
| | The one provided in the report (Figure 2 - Site Plan) shows | more detailed site plans located in the attached Figures 2A-D. | | |
| | conflicting and/or unclear movements and may require an | | | |
| | update. Based on the data provided in this graphic it is | | | |
| | unclear as to how the overall vehicular access will operate. | | | |
| | All possible movements should be depicted and any ramps or | | | |
| | access points to multi-level parking facilities should be clearly | | | |
| | labeled. In addition the site's access and its potential impact | | | |
| | on the I-676 Ramps should also address the impact on the | | | |
| | currently one-way condition on Callowhill Street and clearly | | | |
| | note any proposed changes to those existing conditions. | | | |
| | | | | |
| | | | | |



Pennsylvania Department of Transportation Engineering District 6-0 7000 Geerdes Boulevard King of Prussia, PA 19406-1525

Phone: 610-205-6661

Name of Project: Provence Casino Submission: Traffic Impact Study

| REVIEWER INFORMATION | COMMENTS | DESIGNER RESPONSE | RESOLUTION | TPD RESPONSE |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| 6 | Trip generation percentages were provided in the report; | A figure depicting the traffic distribution is included in the revised TIS. A | Resolved | |
| | however, a diagram of the distribution was not provided. | gravity model for the vehicular traffic based on daily traffic volumes is | | |
| | Provide a gravity model diagram to and from the site. In | contained in the revised TIS. Also, a gravity model for pedestrians based | | |
| | addition, please show how access to I-95 is provided using | on population data is included in the revised TIS. | | |
| | local streets as an alternative to I-676. | | | |
| 7 | It is recommended for this site to update the Synchro default | The analyses have been updated to include the default saturation flow | Resolved | |
| | saturation flow rate. Use saturation flow rate of 2100 to | rate of 2100, as noted above. Additionally, pedestrian data has been | | |
| | accurately model the rates in the City. Additionally, | included in the capacity analyses in the revised TIS. | | |
| | pedestrian crossing data must be accurately inputted into the | | | |
| | analysis to properly account for vehicular delays associated | | | |
| | with increased pedestrian crosswalk utilization. | | | |
| 8 | Future capacity analysis was based on the 2020 base condition (Design year without development) and 2020 Projected condition (Design year with development). However, additional future analysis must be performed for a Horizon Year (based on PennDOT's guidelines) l.e. 5 years beyond opening year of the development when the first structure is in use and access is constructed to the State roadway. The report will require the Open Year 2015 analysis | Opening year analysis would represent an interim analysis after completion and occupancy of a phased development. It is our understanding the Provence is planned to be constructed in one single phase. For this reason, and also, since the recommended traffic growth within the City is 0.0%, no opening year analysis was completed, since it would garner the same results as the design year evaluation. | Resolved | |
| 9 | In Appendix C it was indicated that the internal capture rate of 75% was utilized. Please provide additional | Based on the traffic counts conducted at a nearby casino with mixed uses, TPD has verified the 75% interaction. Specifics regarding the Trip Generation methodology are included in Appendix D of the revised TIS. | Resolved | |



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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional TIS Comments | | | | |
| 8 | On page 3 in the parking removal section, bullets 3 and 4 mention | | | |
| | the same block but have different measurements. | | | TPD has revised the report accordingly. |
| 9 | Instead of assuming that a parking space is 22 feet in length, some | | | in b has revised the report accordingly. |
| | areas actually have parking meters such as on Callowhill Street | | | |
| | between 15th Street and Broad Street. The north side has 19 spaces | | | |
| | and the south side has 10 spaces. | | | TPD has revised the report accordingly. |
| 10 | In the arrival/departure distributions, why does the 5% arriving from | | | TPD acknowledges the east and west distributions were reversed (4% and |
| | the east along Vine Street (orange) leave to the west along Vine | | | 5%, respectively). However we maintain that it results in a colume change |
| | Street (orange)? | | | of 5 vehicle trips or less during the Friday PM, Friday evening, and |
| | | | | Saturday evening peaks; and therefore, will not impact the conclusions or |
| 11 | | | | recommendations of the traffic study. |
| 11 | In the Synchro model at the intersection of North 15th Street and Spring Garden Street, the southbound approach should be a left | | | Although the right turn was not explicitly coded in the analysis, the SYNCHRO software assumes the shared right coding since the right turn |
| | turn and through/right turn, not a left turn and a through lane. | | | volumes were included. As such, there are no LOS changes. |
| | | | | 3 |
| 12 | In the Synchro model at the intersection of Broad Street and Vine | | | There are technically three approach lanes (and three receiving lanes) on |
| | Street WB, on Friday and Saturday evening, the SB approach has | | | Broad Street at the approach of this intersection, as TPD modeled the |
| | three throughs and a through/right turn lane. Is there parking allowed at these times in which the SB approach should be two | | | current parking restrictions in the field. |
| | throughs and a through/right turn lane. | | | |
| | | | | |
| 13 | In the Synchro model at the intersection of North 15th Street and Vine Street EB, the EB approach should be two throughs for Vine | | | TPD has analyzed the intersection with the recommended coding and has |
| | Street and there should be an additional EB link with two throughs | | | determined that no conclusions have changed. The ILOS have not degraded more than ten seconds for any condition. The backup data for |
| | and two right turn lanes for the expressway ramp. It is coded as 6 | | | this updated analysis are contained in Appendix J of the revised report. |
| | lanes on Vine Street. | | | ans aparted analysis are contained in appendix 5 of the revised report. |
| 14 | | | | |
| 14 | In the Synchro model at the intersection of Broad Street and Spring Garden Street, the southbound approach should be a left turn lane, | | | There is a taxi stand on southbound Broad Street below the intersection with Spring Garden Street that eliminates the receiving lane for traffic |
| | two through lanes, and a through/right turn lane. | | | traveling through the intersection. Therefore, TPD maintains the lane |
| | | | | configurations as contained in the TIS. |
| | | | | |
| 15 | At the intersection of Vine Street EB and 15th Street, during the PM | | | TPD originally analyzed this intersection as a combined intersection with |
| | peak hour, the overall intersection delay increases by 16.9 seconds (> 10 sec.) and the southbound left turn goes from an LOS B to and | | | one controller as it exists in the field and the ILOS delay does not exceed |
| | LOS E. Is there anything that can be done to mitigate these | | | 10 seconds. However, when analyzing as two separate intersections, the ILOS does degrade by more than 10 seconds. TPD recommended phasing |
| | degradations. | | | improvements at this location to improve overall operations. It is also |
| | | | | important to note that despite the >10 second increase, the overall ILOS |
| | | | | is a D, which is considered a marginal degradation in an urban setting. |
| | | | | |
| | | | | |
| 16 | At the intersection of Vine Street EB and Broad Street, during the PM peak hour, the northbound right turn movement goes from an | | | TPD met with the Philadelphia Streets Department in the field to observe |
| | LOS E to and LOS F (193.4). Is there anything that can be done to | | | operations at this intersection and determine potential improvements. TPD recommended several possible capacity improvements, however |
| | mitigate this degradation. | | | they were determined not to be feasible. Therefore, TPD has |
| | | | | recommended relocating the NJ TRANSIT and SEPTA bus stops along |
| | | | | southbound Broad Street at its approach to Vine Street to improve traffic |
| | | | | flows in this area. Additionally, TPD has recommended to stripe the |
| | | | | northbound Broad Street curb lane as a right turn only lane. Although |
| | | | | this modification does not improve the delay in the SYNCHRO analysis, TPD feels it will improve operations and safety at this location. TPD has |
| | | | | included that analysis and results in the report in a section entitled. Field |
| | | | | Conditions Review (Section VIII.C.g.). |
| | | | | |
| 17 | Please provide a CD with the Synchro file with the next submission. | | | Will comply. |
| | | | | • • |